

# DANIEL CHOU

## FULL-STACK SOFTWARE ENGINEER

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### TECHNICAL SKILLS

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LANGUAGES - JavaScript, TypeScript, HTML, CSS, Python, Java, SQL

LIBRARIES/FRAMEWORKS/TOOLS - React, Jinja, Bootstrap, Express, Node, Django, Flask, PostgreSQL, MySQL, SQLAlchemy, Docker, Git

TESTING - Jest, React Testing Library, Jasmine

### SOFTWARE ENGINEERING EXPERIENCE

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LIVE MUSIC PROJECT (LMP) REMOTE

FULL-STACK SOFTWARE ENGINEER VOLUNTEER 1/2024 – CURRENT

- Ship well-tested features and fix bugs for a 501(c)(3) nonprofit organization that provides a platform to promote accessibility to live classical music [React, Django]

RITHM SIS REMOTE

FULL-STACK SOFTWARE ENGINEER INTERN 9/2023 – 10/2023

- Built high-traffic UIs used by students and instructors at the Rithm School to create and view lecture notes and cohort-specific blog posts [Django]
- Wrote unit tests and integration tests, and maintained 95% code coverage [Django]

### TECHNICAL PROJECTS

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WARBLER | [GITHUB](#)

- Created features that allow users to post and like messages, follow other users, and view a feed of messages posted by followers [Flask, SQLAlchemy]

JOBLY | [GITHUB](#)

- Built RESTful APIs that allow users to create listings for companies and jobs, and fetch existing listings with filtering criteria applied [Node, Express, Jest]

### ADDITIONAL WORK EXPERIENCE

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LAMONT FINANCIAL SERVICES CORPORATION FAIRFIELD, NJ

ASSOCIATE, MUNICIPAL FIXED-INCOME 7/2021 – 6/2023

- Conducted quantitative analysis, debt modeling, and credit research to assist clients in making capital structure recommendations, providing market guidance, and offering bond pricing advice

NYS HOMES AND COMMUNITY RENEWAL NEW YORK, NY

DEBT ISSUANCE ANALYST 11/2019 – 7/2021

- Managed various phases of the agency's debt financing process, including preparing official statements, conducting cash flow analysis, and reviewing closing documents

DEBTWIRE NEW YORK, NY

RESEARCH ANALYST 4/2018 – 10/2019

- Published credit research reports that highlighted industry developments and risk factors across the senior living and higher education sectors

B.C. ZIEGLER AND COMPANY NEW YORK, NY

JUNIOR CREDIT ANALYST 4/2017 – 10/2017

- Performed credit analysis by spreading not-for-profit senior living providers' financial statements in Excel and calculating ratios to reflect profitability, liquidity, cash flow, and capital structure

### EDUCATION

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RITHM SCHOOL, REMOTE – FULL-STACK ENGINEERING PROGRAM 10/2023

BARUCH COLLEGE - ZICKLIN SCHOOL OF BUSINESS, NEW YORK, NY – B.B.A IN FINANCE 6/2016